

Proposed “White Paper” Project: An Integrated Hydrogen Vision for California

- **Increasing need for high-level H₂ infrastructure planning and project coordination in California**
- **Conceived in conjunction with DeSaulnier “Innovative Mobility Corridor” project that is utilizing tri-agency agreement (ARB, Caltrans, CEC):**
 - **Well-placed and conceived H₂ infrastructure projects and “informed” H₂ refueling**
 - **Seamless door-to-door transit connectivity combined with clean fuel vehicles**
 - **Smart parking and personalized transportation information (PTI)**
 - **Distributed energy resources (DER), combined heat and power (CHP), and H₂ “energy stations” (multi-generation of electricity, H₂ for vehicles, and waste heat for heating/cooling)**
- **Project team of UCB/UCD/UCI/HSU/ARB/Caltrans/CEC/etc. to construct “straw man” white paper with the following general elements:**
 - **Hydrogen infrastructure element “commercial readiness” and cost characterizations**
 - **CA hydrogen corridor and network “target development” plan**
 - **Set of multi-goal evaluation criteria for hydrogen project assessment by State agencies**
 - **Key policies, issues, barriers, and “gaps” for coordinating State bureaucracies and forming infrastructure development partnerships**
- **Late summer workshop to critique draft WP, and develop improved second draft (PUC funding at UCB secured for workshop, with potential additional funds from ARB and/or CEC to help bring in the best “hydrogen minds” that can be convened)**
- **Kirsch Foundation proposal recently submitted for WP development, but additional and/or backup funding welcomed**